

What is claimed is:

1           1.     A method of simulating communication delays among parties at simulated  
2 spatial positions, comprising the steps of:

3           (a) receiving a message from a transmitting party, the message indicating a destination  
4 party to whom the message is destined;

5           (b) determining a virtual distance from the transmitting party to the destination party;

6           (c) storing the message for a time interval determined according to the determined virtual  
7 distance from the transmitting party to the destination party at a predetermined transmission  
8 speed; and then

9           (d) forwarding the received message to the destination party.

1           2.     The method of claim 1 wherein step (b) is performed according to actual  
2 terrestrial positions of the parties; and

3           the predetermined transmission speed is substantially less than the speed of light.

1           3.     The method of claim 1 wherein step (b) is performed according to  
2 simulated positions of the parties in a virtual spatial map.

1           4.     The method of claim 1 wherein step (a) includes checking said message  
2 and rejecting said message if it contains any information indicating true identity of the transmitting  
3 party.

1           5.     The method of claim 1 wherein step (c) is bypassed if the transmitting  
2 party agrees to pay a premium.

1           6.     The method of claim 5 wherein the premium is monetary.

1           7.     The method of claim 5 wherein the parties are engaged in a recreation and  
2 the premium is a recreation-related penalty.

1           8.     The method of claim 1 wherein the parties are engaged in a recreation  
2 involving at least virtual buying and selling of goods, and wherein goods obtained from a greater  
3 simulated distance incur a greater virtual cost.

1           9.     A server for simulating communication delays among parties at simulated  
2 spatial positions, comprising:

3           an arithmetic unit for at least determining a simulated distance from each party to each  
4 other party;

5           a receiver for receiving a message from a transmitting party;

6           a data store for storing the received message for a time interval determined by the  
7 arithmetic unit according to the determined simulated distance from the transmitting party to a  
8 destination party and a predetermined transmission speed; and

9           a transmitter for forwarding the received message to the destination party.

1           10.    The server of claim 9 wherein:  
2           the determination of a simulated distance from each party to each other party is performed  
3 according to actual terrestrial positions of the parties; and  
4           the predetermined transmission speed is substantially less than the speed of light.

1           11.    The server of claim 9 wherein:  
2           the determination of a simulated distance from each party to each other party is performed  
3 according to simulated positions of the parties in a virtual spatial map.

1           12.    The server of claim 9 wherein the receiver checks said message and rejects  
2 said message if it contains any information indicating true identity of the transmitting party.

1 13. The server of claim 9 wherein the data store is bypassed if the transmitting  
2 party agrees to pay a premium.

1 14. The server of claim 13 wherein the premium is monetary.

1 15. The server of claim 13 wherein the parties are engaged in a recreation and  
2 the premium is a recreation-related penalty.

1 16. The server of claim 9 wherein the parties are engaged in a recreation  
2 involving at least virtual buying and selling of goods, and wherein goods obtained from a greater  
3 simulated distance incur a greater virtual cost.

1 17. A server for equalizing the effects of network connection speeds among  
2 parties connected to a network, comprising:

3 a receiver for receiving a message to be sent to each party;  
4 an arithmetic unit for at least determining a transmission time for the message for each  
5 party according to each party's connection speed; and  
6 a transmitter for forwarding a copy of the received message to each party after a time  
7 inversely proportional to the transmission time determined for that party.

1 18. The server according to claim 17, wherein said time inversely proportional  
2 to the transmission time for each party is computed so that all parties receive messages at  
3 substantially the same time.

1 19. A method of equalizing the effects of network connection speeds among  
2 parties connected to a network, comprising the steps of:  
3 receiving a message to be sent to each party;  
4 determining a transmission time for the message for each party according to each party's  
5 connection speed; and  
6 transmitting a copy of the received message to each party after a time inversely  
7 proportional to the transmission time determined for that party.

1 20. The method according to claim 19, including the step of computing said  
2 time inversely proportional to the transmission time for each party so that all parties receive  
3 messages at substantially the same time.

1 21. A system for terminals to interact in a network recreation environment with  
2 other terminals, comprising:  
3 means for determining a terminal's location;  
4 means for linking a terminal's location to a virtual location of the network recreation;  
5 means for transmitting recreation-related messages to said other terminals; and  
6 means for adapting delivery time of messages sent from a terminal to another terminal.

1 22. The system according to claim 21, wherein the means for determining a  
2 terminal's location comprises means for inputting a name of a proximate city from a  
3 predetermined list of cities and means for equating the terminal's location to a terrestrial location  
4 of the proximate city.

1 23. The system according to claim 21, wherein the means for determining a  
2 terminal's location comprises means for receiving signals from the global positioning system and  
3 means for determining the terminal's location accordingly.

1           24.     The system according to claim 21, wherein the means for determining a  
2 terminal's location comprises means for inputting a postal code and means for equating the  
3 terminal's location with the a predetermined terrestrial location associated with the postal code.

1           25.     The system according to claim 21, wherein the means for linking a  
2 terminal's location to a virtual location is according to the terminal's location and virtual distances  
3 pertaining to the network recreation.

1           26.     The system according to claim 21, wherein the means for transmitting  
2 recreation related messages employs at least one of the Internet, GSM, WAP, EDGE, TETRA,  
3 and Bluetooth.

1           27.     The system according to claim 21, wherein the means for adapting delivery  
2 time is according to the virtual location of a terminal.

1           28.     The system according to claim 21, wherein the means for adapting delivery  
2 time is according to a connection speed associated with a terminal.

1           29. A system for terminals to interact, comprising:  
2           a network for connecting the terminals to one another and to a server for providing  
3           interactive content to the terminals,  
4           the server comprising:  
5           a CPU,  
6           an input interface for receiving signals via the network from the terminals  
7           and coupling them to the CPU,  
8           logic in the CPU for determining interactive content for the terminals  
9           responsive to signals received therefrom, and  
10           an output interface for forwarding interactive content via the network from  
11           the CPU to the terminals.

1           30. The system of claim 29, further comprising a data store coupled to the  
2           CPU.

1           31. The system of claim 30, wherein the data store contains at least:  
2           identification of terminals currently connected to the server,  
3           approximate terrestrial positions of said terminals,  
4           actual distances among said terminals determined according to their approximate terrestrial  
5           positions,  
6           virtual distances among said terminals determined according to the actual distances among  
7           them and a distance scale appropriate to a recreation in which said terminals are participating,  
8           the transmission speeds at which said terminals are connected to the network, and  
9           a queue of messages, each from a source one of said terminals and destined for a  
10           destination one of said terminals.

1           32.    The system of claim 31, wherein each message remains in the queue for a  
2 queuing time determined according to:  
3           the virtual distance between its source terminal and its destination terminal, and  
4           according to a virtual transmission speed predetermined for a recreation in which said  
5 terminals are participating.

1           33.    The system of claim 31, wherein each message remains in the queue for a  
2 queuing time determined according to:  
3           the virtual distance between its source terminal and its destination terminal,  
4           a virtual transmission speed predetermined for a recreation in which said terminals are  
5 participating, and  
6           the transmission speed of the destination terminal so as to equalize the effects of different  
7 transmission speeds.